**2 Balloon Activity**

**Background:**

Is Air Matter?

Matter is anything that has mass and occupies space.

For Air to be Matter, it will have to fit this definition. How do we check if air fits this definition.

**Materials:**

1. Two balloons (same mass)

2. Long meter stick or stick

3. String

**Activity:**

1. First blow each balloon with different amount of air in it. One balloon will have more air than the other.

2. Tie a string in the middle of stick or meter stick to make a balance.

3. Tie each balloon on the side of the meter stick or stick

4. Balance and see whether the mass for both is same or not.

5. Predict what will happen and then record your observation in the below table.

**Predict what will happen and give the reasoning behind it:**

**Observation Table:**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Amount of Air** | **Heaviness** | **Matches Prediction? (yes or no)** |
| Balloon 1 |  |  |  |
| Balloon 2 |  |  |  |

**Did your prediction match your observation?**

**Would you consider Air as matter or not?**